

# Have you ever asked **“WHY do I need this class?”**

School work and jobs are closely connected.  
Look at the jobs below that require **SCIENCE** classes.

## Science is required for the following jobs:

Animal Caretakers	Fishers, Hunters, and Trappers	Pharmacy Assistants
Bakers	Food Batchmakers	Photographic Process Workers
Blasters and Explosives Workers	Foundry Mold and Core Makers	Physical & Correctional Therapy Assistants
Butchers and Meatcutters	Gardeners and Groundskeepers	Plumbers, Pipefitters, and Steamfitters
Chemical Equipment Controllers	Jewelers	Precision Instrument Repairers
Chemical Plant Operators	Lithography and Photo Engraving Workers	Printing Press Operators
Cooks	Machinists	Rotary Drill Operators
Cosmetologists	Mechanics, Installers, and Repairers	Stationary Engineers
Dental Assistants	Millwrights	Structural and Reinforcing Metal Workers
Electrobiomedical Equipment Repairers	Nursing Aides, Orderlies, and Attendants	Tool-and-Die Makers
Electricians	Occupational Therapy Assistants	Water and Waste Treatment Plant Operators
Farmers, Farm Operators, and Managers	Pest Controllers and Assistants	Welders and Cutters
Firefighters	Petroleum Refinery and Control Panel Operators	

## Advanced science courses are required for the following jobs:

Aircraft Pilots and Flight Engineers	Engineering Technicians (all specialties)	Physical and Life Science Technicians
Broadcast Technicians	Licensed Practical Nurses	Radiologic Technicians
Dental Hygienists	Medical and Clinical Laboratory Technicians	Radio Operators
Dental Laboratory Technicians	Medical Records Technician	Ship Engineers
Dietetic Technicians	Nuclear Medicine Technologists	Surgical Technicians
Electrocardiograph Technicians	Occupational Therapy Assistants	Surveyors
Electroencephalographic Technicians	Opticians, Dispensing and Measuring	
Emergency Medical Technicians	Physical and Correctional Therapy Assistants	

## Extensive science background is required for the following jobs:

Agricultural and Food Scientists	Farm and Home Management Advisors	Physicians
Architects, including Landscape Architects	Foresters and Conservation Scientists	Podiatrists
Biological Scientists	Geologists, Geophysicists, and Oceanographers	Recreational Therapists
Chemists	Medical and Clinical Laboratory Technologists	Registered Nurses
Chiropractors	Meteorologists	Respiratory Therapists
Curators, Archivists, Museum Technicians, and Restorers	Occupational Therapists	Speech Pathologists and Audiologists
Dentists	Optometrists	Teachers, Secondary and College (Sciences)
Dietitians and Nutritionists	Pharmacists	Veterinarians and Veterinary Inspectors
Engineers (all specialties)	Physical Therapists	
	Physician Assistants	

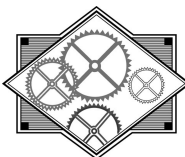
## Career Pathways



Arts and Communication



Business, Management, Marketing, and Technology



Engineering/Manufacturing and Industrial Technology



Health Sciences



Human Services



Natural Resources and Agriscience



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